

CLASSIFICATION

CONFIDENTIAL

CENTRAL INTELLIGENCE

REPORT

50X1-HUM

INFORMATION FROM

FOREIGN DOCUMENTS OR RADIO/TELETYPE/RECORDING: CD NO.

COUNTRY USSR

DATE OF INFORMATION 1947-1948

SUBJECT Scientific - Mathematical Instruments

HOW PUBLISHED Bimonthly periodical

DATE DIST. 8 June 1949

WHERE
PUBLISHED Moscow - Leningrad

NO. OF PAGES 1

DATE
PUBLISHED Feb 1949

SUPPLEMENT TO
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSES OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U.S.C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS PAGE IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE: Uspekhi Matematicheskikh Nauk, No 1, 1949.

SEMINAR ON MATHEMATICAL INSTRUMENTS AT MOSCOW STATE UNIVERSITY

Up to 1947, seminars were held regularly at the Division of Approximations in the Mathematical Institute named V. A. Steklov, Academy of Sciences USSR (this Division has since been changed to the Institute of Precise Mechanics, Academy of Sciences USSR). Since 1947, the seminar has been held at Moscow State University. L. A. Ilyusternik was the director until autumn 1947, when I. S. Gradshteyn became director.

In the seminar held in the spring of 1947, L. D. Kudryavtsev submitted a report on "New Mathematical Methods of Calculation by Electrical Circuits," and L. Ye. Sadovskiy submitted several reports on mathematical instruments (integrators, harmonizers, and "Stil'tyes-planimeters"). A number of reports by I. Ya. Akushskiy, L. Ye. Sadovskiy, and K. A. Karpov were dedicated to problems on analytical-calculating machines. L. Ya. Meyshuler and L. A. Iyusternik submitted reports on mathematical problems of tabulation. A report by Aleksandrov discussed a hydraulic instrument for solving systems of linear equations, and one by I. S. Gradshteyn covered problems of stability in solving systems of linear differential equations. The last report developed in connection with the theoretical analysis of an electric model of an integrator system by L. I. Gutenmakher.

In the autumn of 1948, at Moscow State University, a new special seminar was organized on algebraic methods of engineering calculations (the seminar on "the applied combiner," conducted by A. G. Kurosh and L. A. Lyusternik). There is no doubt that problems of calculating mathematics, in the broadest sense of the word, will play a substantial role in the work of the mathematical-mechanics and physics faculties of our universities.

- E N D -

- 1 -

CLASSIFICATION

CONFIDENTIAL

[illegible]

STATE
ARMY



NSRB
FBI

FBI

DISTRIBUTION